U. S. VESSELS SINK 'SUBS' IN BATTLES

NEW YORK, Sept. 12.—While the Navy Department had announced only two sea fights in which United States vessels participated and while there have as yet been no land engage-ments between Americans and Germans, letters giving rumors, report and alleged details of numerous bat

and alleged details of numerous bat-ties are beginning to appear.

The New York Times today printed a letter from a man said to be with Pershing's forces, dated August 26, and describing the destruction of four submarines and the finding of forty-seven drowned German sailors.

This latter also save destroyers. This letter also says destroyers— presumably American—raided a U-boat base, sinking five. The writer gives many details, describes the age and appearance of prisoners, and says six destroyers and two airplanes, in one clash, defended five transports from twelve submarines. twelve submarines.

The new York World today vouched for hew lork worst dodsy vouched for the writing of a letter from "a port in Franca," dated August 18, which described a battle between an American warship and a German destroyer named the Ulan, off Land's End. The enemy ship was forced to surrender, the letter declares, and later sank. Twentyone officers and

States transports, and that after the Kids about sixteen to seventeen years fight, the water where the subma-rines had been was covered with oil

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To Use More Care on Navy Reports

Closer examination of all submarine fight reports by the Navy Department will be made hereafter before any publicity is given them. This follows yesterday's navy announcement of six submamarines probably lost, followed hours later by a statement that only one probably was lost in the Westwego encounter off France.

The error came in transcribing the original uncoded message into press statement form, and before it had been checked up and discovered, the transcribed report had gone to Secretary Daniels and had been announced.

licked hell out of a bunch of Boches, etter.
The letter in The New York Times

in part, follows:
"On Active Field Service With the American Expeditionary

"Aug. 25, 1917.
"Dear Dad: This is deep stuff. This is the positively last letter you will get except censored fisid postcards. One of the garbs (eallors) on a returning transport will get it to you.
"The news I have is big. We came over on the —, a — line tub. But we had a very good passage, only two days' rain. On the last morning, when twenty miles from land, we were attacked by twelve submarines. surrender, the letter declares, and later sank. Twenty-one officers and thirty-five men were taken prisoners. The United States ship was hit three times. Wholesale destruction of submarines was reported in a letter in the Philadelphia Public Ledger a few days ago. The writer declared American warships and airships repulsed a massed U-boat attack on United States transports, and the destroyers, and two airplanes. We got four subs-forty-seven dead Huns floated in next morning—and we didn't lose a ship or man. Testerday the destroyers went out and surprised the subs at their base, getting five more while they were up for air. The prisoners are just coming in. Kids about sixteen to seventeen years There were five of us transports, six destroyers, and two airplanes. We got four subs-forty-seven dead Huns floated in next morning—and we didn't lose a ship or man. Yesterday the subs at their base, getting five more while they were up for air. The prisoners are just coming in Kids about sixteen to seventeen years old and old men. Some army."

No Reports Received.

The War and Navy departments declared officially today they have no reports confirming statements contained in letters printed in New York papers today as to an engagement with a German destroyer; as to a battle between submarines and a transport convoy; or as to a division of American troops defeating German troops near Lens. It was explained

Something Doing, 146; Warlo3, 148.

Someoast, 148.

Third race—Claiming: three-year-formed in an effort to save his life. Late this afternoon physicians could not predict the outcome of his in-Prohibition, 109; *Lokomis, 106; *Juries.*

Stonehenge, 114: Blackford, 111; *Stonehenge, 114: Blackford, 111; *Stonehenge, 114: Blackford, 111; *Stonehenge, 114: Blackford, 111; *Toptism Stake; two-year-olds; flve and coursed was obstructed by Fourth race—The Trenton Selling turious, 211; *Tippity Witchet, 114: *Miss Sweep, 97: *Tumble In, 89; Drillmaster, 109; Onico, 104; Edith F., 94: *George W. Avery, 107; Virginia Yell, 101: *Tippity Witchet, 114: *Miss Sweep, 97: *Tumble In, 89; Drillmaster, 109; Onico, 104; Edith F., 94: *George W. Avery, 107; Witchet, 114: *Miss Sweep, 97: *Tumble In, 89; Drillmaster, 109; Onico, 104; Edith F., 94: *George W. Avery, 107; Bring Line, 107; Bond, when he elopped off to call on the print of the fourth precinct the outcome of his in-Prohibition, 109; *Lokomis, 106; Mille B., 96.

Fourth race—The Trenton Selling Juries.

McCabe was arrested by Policeman Juries.

McCabe was arrested by Policeman formed in an effort to save his life. Late this afternoon physicians could not predict the outcome of his in-Prohibition, 109

tle between submarines and a trans-port convey; or as to a division of American troops defeating German troops near Lens. It was explained that General Pershing's expeditionary forces have not gone to the front yet, and that if any Americans were fighting around Lens, they must have been in the foreign legion.

BAVARIAN GENERAL KILLED.

LONDON, Sept. 12.-A dispatch to the Exchange Telegraph from Amsterdam says the Bavarian general, won Wenninger, former Bavarian milli-tary plenipotentiary at Berlin, was anao, 115; *Kilta, 94.

*Apprentice allowance claimed. September 8 on the battle front

WARM WAVE ENDS RECORD COOLNESS OF 45 YEARS HERE

"Fair and Warmer" is the promise of the Weather Bureau today, following a light frost last night.

For today and tomorrow gentle southerly winds have been predicted. They will continue through the week, said the forecaster today.

When the sun broke through the thick fog that enveloped the city early this morning, it marked the end of this morning, it marked the end of the lowest temperatures for so early in September experienced here in

HAVRE DE GRACE ENTRIES. HAVRE DE GRACE, Md., Sept. 12

First race-Claiming; maiden two

Seacoast, 148.

Murphy, 110; Firing Line, 107; Bond,

Sixth race—Claiming; three-year olds and upward; one mile and sev Choctaw, 118; *Ambrose olds and upward; one mile and seventy yards. Choctaw, 118; *Ambrose, 109; *Felucca, 102; *Perseus, 102; *Cliff Field, 113; *Monomoy, 105; *Dahlia, 98. Seventh race-Selling; three-year-

olds and upward; one mile and a six-teenth. Ocean Prince, 116; G. M. Mil-ler, 109; Dan, 108; *Mannchen, 98; No Weather clear; track fast.

Stork Brings D. C. Fifty-Four Babies In a Single Day

More Gains Than Losses Shown In Washington's birth rate took a real brace today, when the Health Department, through its bureau of vital statistics, announced the arrival of fifty-four new bables in Up Slightly.

Twenty-five bables a day is re-NEW YORK, Sept. 12.-There was me evidence of improved feeling on MK&Tpf .. garded as normal, but the stork worked overtime yesterday.

Second race—Steeplechase; maidens: Cabe, of Good Hope Road, at Third three-year-olds and up; about two miles. The Carmet, 145; Phil 7, 145; Siumberer, 145; Duke of Norfolk, 146; Fountain Fay, 145; Infidel II. 145; Something Doing, 145; Warlock, 145; Something Doing, 145; Warlock, 1 where a hurried operation was per

and renewed old acquaintances here today when he stopped off to call on Miss Pierence Griswold, who was host to the President and family for many so the President and tamily for many summer seasons when he was presi-dent of Princeton. He was accom-pained by Mrs. Wilson. He also saw Mrs. Margaret Axson Elliott, sister of the former Mrs. Wilson, who is a guest of Miss Griswold, and later call-ed at the summer home of Prof. Vres-land of Princeton.

The yacht Mayflower dropped anchor off Fenwick this morning. She Am Wool, was accompanied by a guard of two Am Wool p destroyers

WALL ST. MARKET

234

Mex Pet ... 9114

Mex Pet p...

Miami Cop.,

Mo Pag....

Mo Pac p

MK & Tex. .

M St Lnew. 13

Nat E & 8 ... 35

OPENING TODAY GIVES SIGNS MAX M 2d ... 18 OF IMPROVED FEELING

ore Gains Than Losses Shown In MSP & SM. 99% General List, With Steels, Sugar, MSP-85M pt 114% and Crucible Active-New Haven

the floor of the stock exchange to- N.Acme Co.. day as the market opened irregular, Nat.Con.&C. with more gains than losses in the Nat Biscuit. general list. Steels were higher, but Nat Bis pf. 118 Steel opened up % at 103%. American
Sugar was quoted at 85%, up %.

Bethlehem B and Crucible were the
NT NHEH. 2236 First race—Claiming; maiden twoyear-olds: five furlongs. Tread
Lightly II, 118; Ormlos, 112; Tell Me,
109; Odalisque, 107; Geraldine F., 105;
*Starry Banner, 111; *Will Soon, 103;
Jose de Vales, 114; Gyp, 110; Little
Jose de Vales, 114; Gyp, 110; Little
Was seriously injured at noon today
when his motorcycle crashed into an
automobile driven by Michael J. Mcthis year. Tobacco stocks yielded
nearly two points in active treading.
Noarly all parts of the list suffered
from a vigorous bear drive in the
early afternoon trading. Reading
broke through 80 for the first time
this year. St. Paul dropped to a new
record low of 59%. Marine praferred
saggred to 85%. But met support sagged to 85%, but met suppor quickly. General Motors recovere

Today's Quotations.

Chi N W pf. . 144% 144% 144%

Chile Cop... 17% 17% 17 Chine Cop... 54% 14% 53%

Cons Gas 10214 10214 100 Corn Prod. 2614 2614 231

Distill Sec. .. 2616 2616 2516

Gen Eise.... 13834 13834 13634 G Mot new. 8934 91 8834 Gen M pf.... 82 82 8034

Granby.... 7014 7914 79 Granby.... 7014 7914 79 Gt Nor pf... 10314 10314 10314

Inspiration. 13% 54% 52% Int Ag C pf. . 45 45 43

Kennecott.. 4014 4114 3014

Gulf 8 S..... 10114 1014 100 100 Harvester pf 10514 10514 10514 10514

Hvs N J pf ... 11234 11234 11134 11134

101

8156

50

43

81 18

53 J Keyser..., 110 110 110 110

Elkn Fuel... 2514 2614

Erie 2 pf... 2314 2314 Fed M S pf... 4114 4114

. N Ore.... 2836 2336 Greene C... 4056 4056

int Nickel .. 23% 83%

Lee Tire.... 18 18 Lehigh Val.. 6134 6134

111 Cent.... 101

Int C pf 53

Kan C So 19

K C 80 pf 80

Kelly Sp T.. 48

ank #t L ... 81

CMAStP p. . 104% 104%

CRIP7 wiP. 63

Cluett P 64

Corn P pf 96

Cru Stl pf ... 98

Del & Hud. . 100

Den R Gr.... 7 D & R G pf. . 13

Dome M.... 10

Erie..... 21

Gaston W ...

Erie 1st pf. . 30%

Gen Cig Co., 3614

DI. & W.... 195

Con Inc..... 4716 Crue Steel... 70

Col F & I 4356

1216

5934

5114

3154

9534

9514

4134

3614

4054

2954

43

195

26

4134

13676

431<u>4</u> 79

10234

50 43

1736 1736

64 64 4354 4354

4736 7036

68

100

195

30%

3614

5934

1836

Bethlehem B and Crucible were the center of activity during the first hour, and both made advances. Buying was heavy. New Haven gained %. Bear raids centered on investment issues in the second hour. St. Paul sold to 59%, the lowest in twenty-two years. Tobacco stocks yielded nearly two points in active trading. Nearly all parts of the list suffered from a vigorous hear drive in the pacter. Nor & West. 113 Nor Pag. . . . 100 Nov See Stl. 98% Ohio C Gas. 49% Pac T&T 22 Pac Mail.... People's Gas 6814 Phile. Coal. . 34 Plerce A [38 2% points of its loss Pitta Sti pf ... Today's quotations were: Pitts C Pit & W Va. Open High Pres. Stl C. . 6234 62% 130% 134 Alaska Jun. 234 Quick S., pd Al Chal Mfg. 24 134 lay Cons.... Al Ch M pf .. 8114 Ry St Sp 4734 8134 4734 Am Agri pf. 9734 Rep Sti pf ... 10134 Am Bt Sug .. 10114 Am Can 42% 42% Am-Can pf. . 108% 108% 6734 mab'd A L. 11 Am Car Fdy. 73 Seers Roek. 15234 153 Am C F pt ... 112 Am Cot Oil .. 31 So Ry pf..... 50 Am H & L ... 12 io Ry pf..... 59 Dinelair Oil. 38% Am H&Lp. 57 AmIceCo pf. Am Int Corp. StL So W... 3814 Studebaker., 43 Am Linseed. Am Lin pf... Am Loco.... Stude pf 91 91 Stutz Mot... 40% TenC&C ctfs 16 40% A Malt C ... 12 A Malt C pf. Texas Co.... 16614 A Sm To Co Am Smelt... Tob Prod.... 72% 7354 A Sm Sec A., A Steel Fy. 65 Am Sugar., 112 Un Pac pf, ... 7736 7736 UB & P nw., 74 74 77 11214 Am T & T.. 115 99 24 42 Underwood., 10114 10114 Am Tob 191 Un.Paper Bd 24 U Aloy Steel 43 191 43 Am Wool pf. 97 Un Cig Sto ... 120% 121% 117% 118% Am Zine.... USCIP.... 1614 USCIPpt 82 Anaconda... 7254 7256 Asstd Oll ... 61 US Ind Al .. 13114 13114 128 A 7 & B F. 9614 Un Fruit ... 126% 126% 125% 125% AT& 8 Fpt 95 8734 At Bir & At. 1316 Un R Inv..... 7 USR&Im.. 12 At G W L ... 90% As R Co Bald Loco ... 5914 US Sm & R., 60 B&O pf.... 56% Barrett..... 50 Us stipf.... 11694 11694 Utah Cop..... 9994 9694 Utah Sec.... 1594 1594 11614 Utah Cop 99% Utah Sec.... 15% 9634 1534 Batopilas... 116 Va-Car Ch... 36% Va I C & C... 56 Bet St. B ... 103% 10436 Wabash 1014 Burns Bros., 92 Wab p A 4736 4736 Butterick... 1414 Cal Pk Com. 4014 Cal Petm... 1614 Wells F Ex., 8814 8814 8814 West Un T... 89% Wheel L J... 12% 8934 Cal Pet pf ... 4434 78 Cal & Arl MI WheelLEp 27 27 Can Pac.... 156 15414 Cen Leather 83 Wis Cent... 42 83 Cen Lethr p. 10814 263 3834 76 Cer de P Cor 3814 Worth & M. 32 Woolworth. 11914 11914 11914 11914 Ches&Ohio. 57% 1. ar Co Inc. 6034 6034 5034 5034 сы с w..... 2974 Chi G W pf. 2934

144% Sales up to 2 p. m. . . 104% ican Sugar, 2% and 10. Extras, Cuban Riggs Nat. Bank. 5114 American Sugar, pfd., 1%. Selling ex-dividend-Cuban Amer-TAXES ON WAR PROFITS

A peppery fight for higher taxes on Bank of Com. & Sav....

Bank of Com. & Sav....

Bank of Com. & Sav....

East Wash. Sav. Bank.

Sec. Sav. & Com. Bk.... 8834 101 1614 House conferees be given free hand House conferees be given free hand
4714 in conference with the Benate Con684 gressman Norton of North Dakota in98 sisted that the House insist on heav3114 ier war levies. He said he had just
9715 returned to Washington from his dis195 Title insurance 8

Title insurance 8

Arilington Fire Ins. 80

Firemen's Fire Ins. 19

Ger.-Amer. Fire Ins. 280

Nat. Union Fire Ins. 64

TITLE INSURANCE STOCKS.

its share of the war bill."

"You pretend to worry about posterity. Really your touching concern is for the war profiteers who ought to pay heavily toward carrying on this war," retorted Mr. Keating of Colorado.

man Fordney of Michigan argued that

rado.
With the situation getting unc fortable, Kitchin had a special rule brought in, shutting off further de-bate. The bill was then sent to conference and conferees given a free

GIRLS DISPLACE MEN ON W. & L. E. PARLOR CARS

CLEVELAND, Ohio, Sept. 12.-Girls getting the same pay as the men Apples, per ber . 82% whose places they took are taking oare of the Wheeling & Lake Erie's CHAUFFEUR ESCAPES parlor and restaurant cars. They are employed as chefs, waitresses, and maids, not porters.
One result is, mere man shakes the less dust off his own coat and carries his

bose of themselves better."

A WRETCHED PLACE.

"Oh, dear," said the young woman

THE LOCAL MARKET

BRISK TRADING GENERAL AT TODAY'S SESSION

Gas Light Fives Lead Sales, With W. R. & E. and Traction in Demand-Margenthaler Has Unusually Active Day.

11436

118

Brisk trading in nearly every kind of securities marked today's session certain quarters, and a disposition to sell in others. The two meeting, re-The 5 per cent bonds of the Wash-

ington Gas Light Company led off the sales. One \$1,000 bond, and four \$500 bonds brought par. On the after call, another sold at par, while
of after call, another sold at par, while
of Three shares of Ratiway preferred
sold at 77% and twelve shares of Gas
brought 71%. On the after call, a
the proble should be per call, a
the proble should be per call, a
the per cent bond of the Weshington
Railway and Electric Company sold
for 76%. Two Capital Traction bonds
brought 102%, while thirty-five shares
of stock of that company brought 52.
Mergenthaler had one of the most
active days for solue wasks. Seven
blocks charged hands at 144, thirtysix shares in all being sold. On the
after call fifteen shares of Gas
brought 72% and five brought 72%.

Washington Gas 5°, \$1,000 @ 100,
100,
Washington Railway and Electric,
pid., 2@77%.
Washington Railway and Electric,
pid., 2@77%.
Washington Railway and Electric,
pid., 2@77%.
Washington Gas, 5@72%, 2@72%.
After call —Washington Gas 5°s, \$300
101%
Capital Traction 5°s, \$300@102%,
Washington Railway and Electric,
pid., 2@77%.
Washington Gas, 5@72%, 2@72%.
Washington Gas, 5@72%, 2@72%.
After call Traction 5°s, \$300@102%,
Washington Gas, 5@72%, 2@72%,
All species of the last year rooms from
which these to be trackers with eshecks at 11:50 A. M. on Monday, September

11.
All species to the last year rooms from
which these to be trackers will be sent to the light echools and the
light schools will per to the last year rooms
will meat at the director of kindergartens at the Thomason School and the
Miner Normal School to the light echools and trackers fishschool will report to their last year,
songet these the director of kindergartens at the Thomason School and the
Miner Normal School to the light echools
will report to their last year rooms from
which these to be trackers will be
acheed to provide the problem to the light echools
will report to their last year rooms from
which these to be tracked and model and the
divisions, on Storday, September to the light echools
will report to their last year rooms from
which these to be tracked and independent of the
digital schools and after call, another sold at par, while

gton Gas, 5@72%, 5@72%, 5 @124. 5@124. Mergenthaler, 4@144, 5@144, 5@144, 5@144, 5@144, 10@144, 2@144, Capital Traction, 25@82, 10@82.

LOCAL BOND MARKET. GOVERNMENT BONDS.

Reg. 2's..... 97% Coupon 2's..... 97% U. S. Reg. 3's 97% U. S. Coupon 3's 97% U. S. Reg. 4's 105% U. S. Coupon 4's 105% D. C. 3.65's 102% Liberty Loan 3's..... 10214 GAS BONDS

Wash. Ges 5's...... 99
RAILROAD BONDS. Wash, Ry. & Elsc. 4's... Wash, Alex, & Mt. V. 5's Wash Alex & Mt. V. 5's.

MISCELLANEOUS HONDS.
Potorase Elec. Cons. 5's. 54
Potorase Elec. Lt. 5's. 101
Potomac Elec. Lt. 5's. 100
C. & P. Tel. 5's. 100
Am. T. & T. 4's. 55's.
Amer. Tel. & Tel. 4's. 97
Am. T. & T. C'I' Tr. 5's 96's.
Am. Grapho, 1st 6's. 98

Am. T. & T. CUT Tr. 5's 90;
Am. Grapho. 1st 6's... 98
D. C. Paper Mfg. 5's... 100
Wash. Market Fs. 1997, 93
Wash. Market, 5's, 1947, 95
W. M. Cold Storage 5's. 98
Sec. Stg. & S. Dep. 6s...
N. & W. Steamboat 5's. 104
Please Backte St. Loopel N. & W. Steamboat 5's. 104 Riggs Realty 5's (Long) ... U. S. Realty 5's 104

U. S. Realty Sa. 104
PUBLIC UTILITY STOCKS.
Capital Traction ... 81½ 82½
Wash. Ry. & Elec., com., 65 70
Wash. Ry. & Elec., pfd. 71½ 78½
N. & W. Steamboat ... 183½ 100
Washington Gas ... 72 72½
TYPE MACHINE STOCKS. **Mergenthaler Linotype, 143 1
Lanston Monotype ... 63
NATIONAL BANK STOCKS.
American Nat. Bank ... 180 Capital Nat. Bank..... Columb. Nat. Bank....

Commercial Nat. Bank. 192 District Nat. Bank. 143 Far. & Mech. Nat. Bank. 230 Federal Nat. Bank. 169 Lincoln Nat. Bank. Nat. Metropolitan Bank 200 TRUST COMPANY STOCKS. Amer. Sec. & Trust... National Say. & Trus

CAUSE FIGHT IN HOUSE Union Trust... 120 Wash. Loan & Trust... 120 SAVINGS BANK STOCKS.

FIRE INSURANCE STOCKS.

trict and knew what the people want. Columbia Title Insurance 4
"Uncle Joe" Cannon and Congress"Uncle Joe" Cannon and CongressMISCELLANEOUS STOCKS. man Fordney of Michigan argued that
2614 most of the revenue should be raised
526 by bond issues, so posterity "may pay
26 its share of the war bill."

Merch, Trans. & Storage 100

> WHOLESALE AND RETAIL PRODUCE MARKET.

18.60 to \$4.00

WHEN AUTO IS WRECKED

William De Gor, twenty-five years "We help the women first," said a old, a chauffeur employed by the "The men can take care Bureau of Standards, had a miraculous escape from death on the Chapel Road, near Chevy Chase, today, when he lost control of his motor car which crashed into a tree.

CHURCH WOMEN WILL CAN FOOD FOR POOR

Canning food for charity is the novel plan invented by the women's illiance of All Souis' Unitarian Church.

"The aim is to can as much of the fall fruit crop as possible, and establish a storeroom from which to draw for the needs of local charities," said Mrs. Jeseph Stewart, president of the alliance, today.

Donations of food and cams will be seeled at All Souls Church, Four-centh and L streets northwest, on Tuesdays and Saturdays mittee will send for any

fruit and vegetables. Ample facili-ties are available for handling the work on a large scale.

COMMISSIONERS' NOTICE

schools at 11:9 A. M. on Monday, September II.

ADMIRSION TO WHITE HIGH SCHOOLS.
All applicants for admission or for advanced standing in the Central, Essiers,
Westers and Business High fichools, and the
McKinley Manual Training School, other than
those who attended the eighth grades of the
High School Admission. Sound at the Franklin
School on Thursday or Friday, September II
and 14, between the hours of 5:00 to 12:95 Å.
M. and 2:00 to 3:00 P. M. The Board will asstammation for admission to the first year
of the high schools will be given on Saturday,
September IS, at 5:00 A. M., at the Franklin
School.

done in other schools if certificates are satisfactory.

ADMISSION TO THE COLORED HIGH SIGNED TO THE COLORED HIGH AND COLORED HIGH SECOND TO THE COLORED HIGH STATE TO THE COLORED HIGH SECOND THE COLORED TO THE COLORE

ERNEST L. THURSTON. Superintendent of Schools

PROPOSALS

BEALED PROPOSALS will be opened at the Bureau of Standards at 2 o'clock p. m. September 35, init, for installing a direct rad-iation heating system in the Gage impaction Building. Plans and specifications can be ob-tained on application to the Superintendent of the Mechanical Plans.

FINANCIAL

Capital\$1,000,000 Earned Surplus.....\$1,000,000

THE bank that has the indorsement of onetenth of all the people in Washington will unquestionably prove a good bank for YOU to patronize.

now. Same rate of interest paid on all accounts. National Savings & Trust Company,

Join our family of over

35,000 satisfied depositors

Corner 15th and N. Y. Ave. FIFTY-FIRST YEAR.

The Safest Investments

Are these that do not fluctuate during dis-turbed conditions of the money or elect man-bets. First deed of trust notes (first mar-pages), well secured on real estate in the Datrict of Columbia, constitute "gill-edge in-estments, and they do not depend upon the bannels responsibility of individuals or con-porations for their stability. We can rapply such investments in amounts from like up-sard, Seed for bookiet, "Consessing Leans and Investments." SWARTZELL, RHEEM &

HENSEY CQ.,

Speculative Investments

Wright-Martin Aircraft Lake Torpedo

And submarine corporation stocks should be bought for a ubstantial rise. Send in your orders to buy "at the market," either for cash or

We specialize in ALL Curb Stocks listed on the New York and Boston Exchanges; Buy and Sell for cash or on margin. Private wires—Quick service.
gg Information fermiabed FREE upo
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BRANCHES: Philadelphia, Baltimore, Was Atlantic City, Newark, Richr

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R. P. Andrews Paper Company

Largest Wholesale and Retail Paper and Stationery House South of New York 727-29-31 Thirteenth Street N. W.

The Fifteenth of A Series of Talks With Washington's Foremost

Printers

"A PICTURE IN PRINT-HOW IT IS MADE"

A Feature Story "From the object itself to the printed page in less than half an hour." So highly developed has the photo-engraving process been made that this feat is done thousands of times every day. In fact, so rapid has been the progress of latter-day printing and engraving in conjunction with photography, that only a very small percentage of the public know either that only a very small percentage of the public know eith es employed in making a "cut" or how very important a part photo-engraving is playing in the printing busin

No large advertising campaign is laid out now without an abundance of photo-engraving scattered through the folders, pamphlets, house organs, and even the stationery. Plain type matter in many cases could not describe the article desired, and in almost every instance the sales power would be greatly in-creased with illustration.

The original photograph is the first step—made and finished in the ordinary way. It is then placed before a photo-engraving camera. Between the photo and the engraving camera lens a fine screen is inserted. The fineness of the screen depends on the gloss or texture of the paper the cut is to be used on. It is then photographed—the negative being a mass of dots, which

do not show until it is developed. After development in the ordinary way, the plate is dried before a fan—then coated with chemicals which so harden the film that it may be peeled off the plate. The film is then "stripped" on a printing frame.

Instead of printing the picture on sensitized paper, a zinc composition plate is used. After exposure to a brilliant white light, the zinc plate is placed in a picric acid bath. The acid eats the metal away except where there is one of the fine dots. And after remaining in the acid until a certain depth has been reached, the plate is ready to be used in the same way in which type is used. The finished picture in print is made up not of solid blacks and white or colors, but thousands of little dots.

Next week's article will be "LITHOGRAPHY" A Feature Article

MOORE'S Printcraft Shop O. J. MOORE, Prop. Printing and Engraving Good Printing Plus Service 701 12th St. N. W. Main 1661

McCARTER THE PRINTER

"Quality Work Quick!"

Eugene B. Evans DISTINCTIVE PRINTING

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